Operating Issues

1. When charging, Area Light will operate, Spotlight will not. Be sure all charging cords/adapters are disconnected before main beam usage.
2. If Trigger can't be fully depressed, check to see if Trigger Lock Switch is in the "locked" position. Move it to the "unlocked" position.
3. If unit does not operate battery may be completely discharged. Charge unit following the directions in this manual.
4. If you suspect a bulb is blown, check bulb filament. If filament is coiled and unbroken, the bulb is not blown. If filament is blown, replace bulb.

SPECIFICATIONS

Spotlight Bulb:	12 volt, H3 series
Battery:	Maintenance-free, sealed lead acid, 12 volt, 3 amp hour
AC Charger:	UL Listed Class 2, 12 volt DC (300 mA)
DC Plug Fuse	8A/250 V

VEC157CFL
VEC157CL

VECTOR®
The Freedom of POWER

Spotlight

2,000,000 Power Series™

Corded • Cordless • Rechargeable

c UL us LISTED

USER'S MANUAL & WARRANTY INFORMATION

IMPORTANT SAFETY INFORMATION, SAVE THESE INSTRUCTIONS

TO REDUCE THE RISK OF INJURY, USER MUST READ AND UNDERSTAND THIS INSTRUCTIONAL MANUAL. THIS MANUAL CONTAINS IMPORTANT INFORMATION REGARDING THE OPERATION AND WARRANTY OF THIS PRODUCT. PLEASE RETAIN FOR FUTURE REFERENCE.

4140 S.W. 30th Ave., Ft. Lauderdale, FL 33312 U.S.
Toll Free: (866) 584-5504

www.vectormfg.com

ONE YEAR LIMITED WARRANTY PROGRAM

This limited warranty program is the only one that applies to this product, and it sets forth all the responsibilities of Vector Manufacturing regarding this product. There is no other warranty, other than those described herein.

This Vector Manufacturing product is warranted, to the original purchaser only, to be free of defects in materials and workmanship for one year from the date of purchase without additional charge. The warranty does not extend to subsequent purchasers or users. Manufacturer will not be responsible for any amount of damage in excess of the retail purchase price of the product under any circumstances. Incidental and consequential damages are specifically excluded from coverage under this warranty.

This product is not intended for commercial use. This warranty does not apply to accessories or damage to units from misuse or incorrect installation/connection. Misuse includes wiring or connecting to improper polarity power sources.

RETURN/REPAIR POLICY: Defective products, other than accessories, may be returned to manufacturer. Any defective product, other than accessories, that is returned to manufacturer within 30 days of the date of purchase will be replaced free of charge. If such a product is returned more than 30 days but less than one year from the purchase date, manufacturer will repair the unit or, at its option, replace it free of charge.

If the unit is repaired, new or reconditioned, replacement parts may be used, at manufacturer's option. A unit may be replaced with a new or reconditioned unit of the same or comparable design. The repaired or replaced unit will then be warranted under the terms of the remainder of the warranty period. The customer is responsible for the shipping charges on all returned items after 30 days. During the warranty period, manufacturer will be responsible for the return shipping charges.

LIMITATIONS: This warranty does not cover accessories, bulbs, fuses and batteries, defects resulting from normal wear and tear (including chips, scratches, abrasions, discoloration or fading due to usage or exposure to sunlight), accidents, damage during shipping to our service facility, alterations, unauthorized use or repair, neglect, misuse, abuse, failure to follow instructions for care and maintenance, fire, flood and Acts of God.

If your problem is not covered by this warranty, call Technical Support at (866) 584-5504 for general repair information and charges, if applicable. You may also contact us through our website at www.vectormfg.com.

STATE LAW RIGHTS: This warranty gives you specific legal rights. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the exclusions or limitations stated herein may not apply. This warranty gives the purchaser specific legal rights; other rights, which vary from state to state, may apply.

TO REQUEST WARRANTY SERVICE FOR THIS PRODUCT: Contact Technical Support by telephone, fax or mail (see below). We suggest that you keep the original packaging in case you need to ship the unit. When returning a product, include your name, address, phone number, dated sales receipt (or copy) and a description of the reason for return and product serial number. After repairing or replacing the unit, we will make every effort to return it to you within four weeks.

WARRANTY ACTIVATION: Please complete Warranty Activation Card and mail to Vector Manufacturing. Enter "VEC157CFL" or "VEC157CL" as Model and "2,000,000 Power Series™ Spotlight" as Product Type. All Vector products must be registered within 30 days of purchase to activate this warranty. Mail the completed registration form, along with a copy of the original sales receipt to:

ATTN.: CUSTOMER SERVICE
4140 SW 30th Ave., Ft. Lauderdale, FL 33312
• TOLL FREE: (866) 584-5504 • FAX: (954) 584-5556 •

WARRANTY IS NON-TRANSFERABLE AND NON-REFUNDABLE.

BD061505

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MADE IN CHINA

IMPORTANT SAFETY INFORMATION

1. All halogen lights give off heat. Never place the light face-down on any surface when lit.
2. Never look directly into light or shine the light into another person's eyes.
3. Replace bulb with type indicated in specifications or a 12 volt H3 quartz halogen bulb.
4. Do not immerse this spotlight in water. This unit is not waterproof – it is water resistant.
5. Do not substitute power cords or charging adapters. Only charge with supplied AC and DC charging adapters. Charging adapters for this unit supply 12 volts DC.
6. Keep children away from spotlight. This is not a toy!
7. Lens gets very hot when spotlight is operating. Do not touch lens while operating.
8. Keep combustibles away from spotlight lens – extreme heat can cause fires.
9. Keep sharp objects away from lens – it is glass and can break.
10. Do not drop or throw spotlight. It contains glass and a sealed lead acid battery.
11. Dispose of unusable batteries in a responsible manner. See battery disposal section.
12. Do not crush, cut, pull or expose charging adapter cords to extreme heat.
13. Position charge adapter cords so that they do not become entangled or become a safety hazard.
14. Keep charging adapter cords away from sharp edges.
15. Do not shine spotlight into eyes.

WARNINGS

- **Contains non-spillable sealed lead acid batteries. They must be recycled or disposed of properly.**
- **DO NOT dispose of batteries in fire, as this may result in an explosion. DO NOT open battery or short circuit, this may cause the battery to leak or get hot causing personal injury. Any disposal questions call toll-free (877) 288-7722.**

CAUTIONS

- Use only with AC or DC charging adapters that are provided with unit. Plug in the charging adapter at the spotlight first, then plug into the charging source.
- Do not overcharge:
  - AC recharge up to 30 hours maximum.
  - DC recharge up to 4 hours maximum.
  - After recharge, disconnect charging adapter and wait 5 minutes before use.

Read This User's Manual Before Using This Spotlight.

SAVE THESE INSTRUCTIONS

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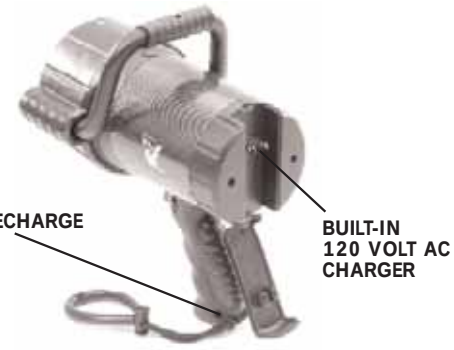
INTRODUCTION

Thank you for purchasing the ***VEC157 Corded, Cordless, Rechargeable 2,000,000 Power Series™ Spotlight.*** Please read this guide carefully before use to ensure optimum performance and to avoid damage to the unit.

FEATURES

- A compact, powerful quartz-halogen Spotlight for use whenever and wherever you need one!
- The tough, weather resistant ***VEC157*** is built for rugged, outdoor use, and easily penetrates rain, fog or smoke
- Powerful quartz-halogen bulb
- Computer-designed parabolic reflector
- Compact, lightweight design engineered to be easy to operate without sacrificing light intensity
- Pistol grip handle design fits comfortably in your hand
- ON/OFF switch delivers an instant beam
- Two LED Area Lights
- UL listed 120 Volt AC Charger (built-in)
- 12 Volt DC Charging Adapter
- Rechargeable sealed lead acid battery (non-spillable)



OPERATING INSTRUCTIONS

Charging Using the 120 Volt AC Recharge Port

1. Make sure all lamps are turned OFF.
2. The 120 Volt AC Recharge Port located on the rear of the spotlight (see back view) can be recharged using an ordinary household extension cord rated 120 volts (not included).

HOUSEHOLD EXTENSION CORD (NOT INCLUDED)

AC RECHARGER

3. To recharge, plug an extension cord into the 120 volt AC charger on the back of the unit and charge until the charge indicator light turns green .
4. Recharge until the green LED lights, it will take 20-30 hours depending on the discharge of the battery.

BATTERY CHARGE LEVEL INDICATORS

5. Once recharging is completed, disconnect the adapter from the external charging source.
6. After AC recharging, wait 5 minutes before using spotlight.

Note: ***This unit is shipped in a partially charged state. Initially charge unit using the AC charger. To check the battery level, press the Battery Status Pushbutton. Charge until Battery Status Displays green LED lights.***

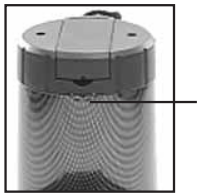
Charging Using the 12 Volt DC Charging Adapter

The VEC157 can be simultaneously charged and operated from a 12 volt DC source. Make sure the 12 volt DC source can supply minimum 15 amperes of current if the spotlight is to be operated while the batteries are being charged.

To check the battery level, press the Battery Status Pushbutton. Charge until Battery Level Displays green LED lights when the Battery Level Display pushbutton is pressed. Charge spotlight after each use.

1. Locate the DC Recharge Port on the bottom of the handle and connect the DC charger to a 12 volt DC source that can supply at least 15 amps of DC current.

2. Recharge for 3-4 hours maximum or until the green Battery Charge Level LED Indicator lights when the Battery Level Display pushbutton is pressed.



3. After recharge, disconnect the Adapter from the external charging/power source, then disconnect the connector from the DC Recharge Port.

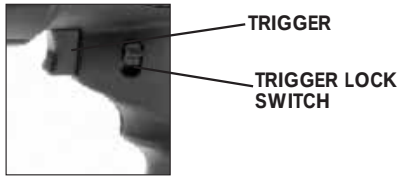
Note: ***Some vehicles must have the ignition turned on to power the vehicle's accessory outlet.***

⚠ WARNING

- **NEVER SIMULTANEOUSLY CONNECT AC/DC AND DC/DC CHARGERS TO SPOTLIGHT.**

Operating the Spotlight

To turn the Spotlight ON, squeeze the Trigger. To turn the Spotlight OFF, release the Trigger.



To lock the Trigger in the ON position, squeeze the Trigger and move the Trigger Lock Switch (located on the side of the handle) to the "locked" position. The Spotlight will stay on until the lock is moved to the "unlocked" position and the Trigger released.

Operating the LED Area Lights

The ON/OFF Button for the LED Area Lights is located on the top of the Spotlight.

Using the Built-In Workstand

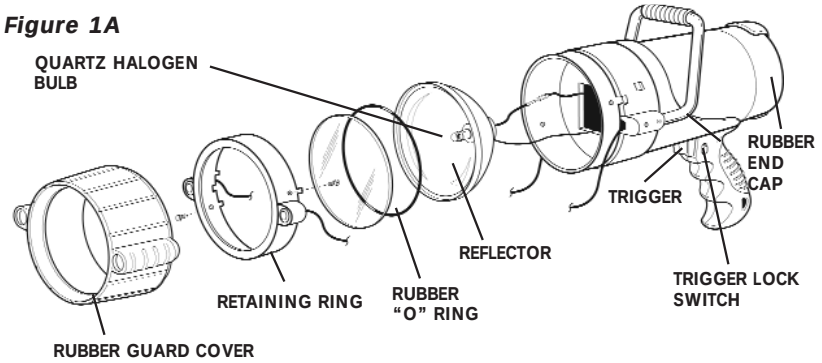
Turn the Spotlight upside-down on a smooth even surface, and rest it on the Workstand.

Using the Built-In Carry Lanyard

The Carry Lanyard may be used to store or carry the Spotlight. Adjust the slide on the cords to keep the Lanyard secure around the supporting object.

SPOTLIGHT BULB REPLACEMENT

Figure 1A



To replace the H3 type 12 volt bulb, you will need a small Phillips type screwdriver and a replacement bulb. Bulb life can be shortened by installing a bulb with dirt or fingerprints on it. The bulb can be wiped clean with a cloth moistened with alcohol. During bulb installation, avoid touching the glass part of the bulb. (See Figures 1A and 1B for details.)

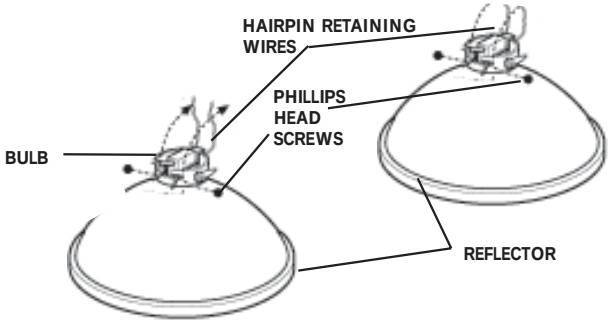
1. Disconnect the unit from any charging adapter.
2. Push back the rubber bezel toward the back of the spotlight to reveal two small Phillips screws in the retaining ring.
3. Using the screwdriver, remove (counterclockwise) the two screws. Set them aside.
4. Lift off the retaining ring, glass lens and rubber "O" ring and set them aside.
5. Carefully remove the reflector and bulb assembly (see Figures 2A and 2B).
6. Disconnect the bulb wire from the red power wire and set aside the burned out bulb.

7. Unsnap the hairpin retaining wires from the reflector's flange.
8. Using the screwdriver, loosen the retaining screw to remove the bulb from the reflector (no need to completely remove this screw).
9. Lift out the bulb and the attached wire.
10. Insert the replacement bulb into the reflector's flange.
11. Put back and secure the hairpin retaining wires.
12. Connect the bulb power wire to the red power wire.
13. Tighten the retaining screw on the flange.
14. Place the reflector in position in the body of the spotlight.
15. Replace the rubber "O" ring in the groove around the perimeter of the reflector.
16. Replace glass and retaining ring so that the screw holes are aligned.
17. Secure retaining ring with two screws.
18. Replace rubber bezel by sliding forward to the front of the spotlight.
19. Operate switch to ensure proper operation of spotlight.

⚠ WARNING

- **To reduce the risk of electric shock, replace bulb with 75 watt 12 volt H3 bulb only.**

Figures 1B



PERIODIC MAINTENANCE

All batteries lose charge with time, especially when they are warm. AC recharge is recommended every two months, when not in frequent use. Use the AC recharger and charge for the recommended time. If the unit gets dirty, gently clean the outer surfaces of the spotlight unit with a soft cloth moistened with a mild solution of water and detergent. Periodically inspect the condition of recharge adapters, connectors, and wires. Replace any components that may have become worn or broken.

PARTS REPLACEMENT

One part is user replaceable. The quartz halogen bulb is proprietary and is available through Vector. A substitute 12 volt H3 75 watt bulb may be used in place of a existing bulb. These can be purchased from popular automotive parts suppliers nationwide. Contact Technical Support for replacement parts and any additional information you may need. They may be reached at (954) 584-4446 or toll free at (866) 584-5504.

BATTERY REPLACEMENT/DISPOSAL

Battery Replacement

Battery should last the service life of the unit. Contact Technical Support at (954) 584-4446 or toll free at (866) 584-5504 for any information you may need.

Safe Battery Disposal

Contains a maintenance-free, sealed, non-spillable, lead acid battery, which must be disposed of properly. Recycling is required, contact your local authority for information. Failure to comply with local, state and federal regulations can result in fines, or imprisonment.

⚠ WARNINGS

- **Do not dispose of the battery in fire as this may result in an explosion.**
- **Before disposing of the battery, protect exposed terminals with heavy-duty electrical tape to prevent shorting (shorting can result in injury or fire).**
- **Do not expose battery to fire or intense heat as it may explode.**
- **For more information on recycling this battery, call toll-free (877) 288-7722.**

DC PLUG FUSE REPLACEMENT

The fuse in the DC plug protects the charging circuit of the DC recharge adapter. If the AC recharger operates but the DC charging adapter does not, then the fuse may be opened.

To replace the fuse:

1. Unscrew the end cap of the DC plug (counterclockwise).
2. Remove spring center contact and fuse.
3. Check fuse with a continuity checker.
4. If blown, locate replacement fuse with same type and rating.
5. Replace the fuse, spring, contact and end cap.
6. Screw end cap clockwise until it is finger tight – DO NOT OVER-TIGHTEN.
7. Check for proper operation of DC charger adapter.

TROUBLESHOOTING

- No red charge light

  If red LED does not turn on when charging do the following:

  A) Check for bad connection to the spotlight recharge port

  B) Check for bad connection to AC or DC adapters

  C) Confirm there is a functioning AC or DC current